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AGCS, Inc.

AGCS, Inc. offers assistance to clients to afford them cost-effective use of computer technology in both scientific and business applications. We provide consulting in the following areas:

Business Systems. Help businesses to define their computer requirements, locate the right hardware and software to meet their needs, and smoothly incorporate the systems into their daily business routine.

Software Development. Design, modify, and program software to meet specific requirements not readily satisfied by existing software. We also tailor software to provide enhanced capability.

Computer Security. Advise clients on techniques to maintain information privacy, avoid the accidental or malicious destruction of data, and prevent the unauthorized use of equipment or software. Proficient in Department of Defense standards.

Training. Provide instruction and documentation in all aspects of the use of computer systems, from proper handling of computer equipment to computer programming and the use of applications systems such as word processing, spreadsheet systems, accounting systems, data base management systems, etc.

AGCS, Inc. is a supplier of IBM-compatible personal computers and peripheral devices. In addition, we are a supplier of continuous forms compatible with over 400 software packages, standard forms, stationery, labels, continuous forms paper, file cards and more.

AFFILIATIONS
Better Business Bureau
Black Corporate Presidents of New England (BCPNE)
Massachusetts State Office of Minority and Women Business Assistance (SOMWBA)
Metrowest Chamber of Commerce

CLIENTS
Affordable Business Services
American Federation of State, County and Municipal Employees (AFSCME)
Anthony O. Harris Insurance Company
Black Corporate Presidents of New England (BCPNE)
Cambridge College
C. J. Royster Associates
Exclusive Temporaries of Massachusetts
Human Resource Center
Input Output Computer Services (IOCS)
JJS Services Incorporated
Moore, Daniel & Frauenhofer
Northeast Marketing
Peabody Paper and Industrial Supply

August 1988

Four Copley Place • Suite 105 • Boston, MA 02116 • Telephone (617) 236-7923 • FAX (617) 536-0260

AGCS, Inc.

AGCS, Inc. was formed in 1984 by data systems professionals, experienced in micro, mini, and mainframe hardware and software, to offer computer consulting services to businesses and governmental agencies. Under this umbrella, AGCS, Inc. provides a range of consulting services in information security. We advise our clients on techniques and procedures for developing and maintaining computer systems that you can trust to protect your valuable data from compromise or loss.

QUALIFICATIONS

Our experience in data encryption and in the design and implementation of trusted systems make us uniquely qualified to address the specialized problems of protecting classified, unclassified sensitive, privacy, proprietary, and other types of computer data for which access controls are necessary. Our staff stay abreast of the latest security guidance, methodologies, and technical advances in industry, government, and academia.

SERVICES

Risk Management

We develop risk analyses addressing internal and external threats to system security and make recommendations on cost-effective countermeasures to reduce the risk of loss. We advise clients on hardware and software security, on procedural, physical, and operational security techniques, and on contingency planning.

Product Development Services

We offer engineering services to the developer of multilevel secure computer systems, networks, and applications. We apply concepts, architectures, and techniques that will support the handling of classified and unclassified sensitive information.

Security Evaluation Support

We advise commercial and government-sponsored developers of computer products to help ensure that they meet the technical standards of such programs as the National Security Agency's Product Evaluation Program and the Commercial COMSEC Endorsement Program.

Certification Support

We provide security certification support for systems intended for processing national security information in a range of operational environments for varying data sensitivities. We provide design guidance to ensure that your systems meet applicable security requirements, such as DoD Directive 5200.28, NSDD 145, and related policies and regulations.

Training Services

We provide high-quality security training to clients using proven educational techniques, qualified instructors and the proper resources to remain current on technology advances. Topic areas include Security Awareness, Multilevel Security, and Cryptology.

TECHNOLOGIES

Computer Security

We assist in the definition of policies and procedures for sharing resources in automated information systems. Where classified data processing systems are involved, we develop security models and system top level specifications to support those policies based on Bell & LaPadula.

Network Security

We develop detailed security requirements and resource sharing policies, and provide design and development guidance for wide-area and local area networks that handle classified or sensitive unclassified data. We analyze the need for data security, network access controls, and message authentication, and recommend cost-effective devices to provide the needed security services. We apply guidance on security architectures from IEEE and ISO standards organizations and from the National Security Agency, as required. We assist in the integration of trusted system components to assure that the result does not negate the security of the parts.

Data Encryption

If appropriate, we identify data encryption techniques to resolve security problems in both military and commercial computer systems and networks. We propose hardware-based solutions where approved devices exist, such as those reviewed by the National Institute of Standards and Technology as meeting the Data Encryption Standard (DES), or by the National Security Agency under the Commercial COMSEC Endorsement Program (CCEP).

AGCS, Inc.

PROVIDING
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TECHNICAL CAPABILITIES

Information Security Services
* Risk Management
* Product Development Services
* Security Evaluation Support
* Certification Support
* Training

Information Security Technologies
* Computer Security
* Network Security
* Data Encryption

Application Software Support
* WordPerfect and Multimate Word Processing
* LOTUS 1-2-3 Spreadsheets
* Ashton-Tate dBASE Database Management
* Computerized Accounting Systems
* PC Networking
* College Administration Software

UNIX System Security Development
* Operating System Development
* C Programming Support

Computer Consulting
* Requirements Analysis
* Hardware and Software Selection
* System Installation
* Custom Software Development
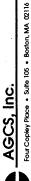* Seminars and On-site Training
* Documentation
* Support

Sales
* PC-compatible Systems
* Supplies and Forms

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